

WHAT IS CLAIMED IS:

1. An aqueous dispersion composition comprising particles of a polyvalent metal salt of salicylic acid/styrene copolymer developer wherein said particles are at least 15% by weight of the aqueous composition and have an average particle size of greater than or equal to 0.75 μm and less than or equal to 2.0 μm , and wherein less than 2% of the particles are greater than 10 μm , wherein said composition has a pH of greater than 6 and comprises a surfactant and a polymeric dispersant.
2. The composition of claim 1 wherein less than 1% of the particles are greater than 10 μm .
3. The composition of claim 1 wherein said particles are at least 40% by weight of the aqueous composition.
4. The composition of claim 1 wherein the ratio of styrene derivative to salicylate used to make the polyvalent metal salt of salicylic acid/styrene copolymer is 2:1 mols to 7:1 mols.
5. The composition of claim 1 wherein the ratio of styrene derivative to salicylate used to make the polyvalent metal salt of salicylic acid/styrene copolymer is 3:1 mols to 6:1 mols.
6. The composition of claim 1 wherein the composition has a residual auxiliary organic solvent concentration of less than 2% by weight of the aqueous developer composition.
7. The composition of claim 1 wherein the composition has a residual auxiliary organic solvent concentration of less than 1% by weight of the aqueous developer composition.

8. The composition of claim 1 wherein the composition is made by

(a) preparing an organic phase comprising one or more auxiliary solvents, a polyvalent metal salt of salicylic acid/styrene copolymer developer, and a surfactant;

(b) preparing a separate aqueous phase containing a water soluble polymeric dispersant;

(c) dispersing the organic phase into the aqueous phase to form a dispersed composition; and

(d) removing the auxiliary solvent from the dispersed composition; wherein the pH maintained during the process is greater than 6.

9. The composition of claim 8 wherein the composition has a residual auxiliary solvent concentration of less than 2% by weight of the aqueous developer composition.

10. The composition of claim 8 wherein the composition has a residual auxiliary solvent concentration of less than 1% by weight of the aqueous developer composition.

11. The composition of claim 8 wherein the organic phase comprises at least 40% by weight of the polyvalent metal salt of salicylic acid/styrene copolymer developer.

12. The composition of claim 8 wherein the aqueous phase comprises a water soluble surfactant.

13. The composition of claim 8 wherein the ratio of styrene derivative to salicylate used to make the polyvalent metal salt of salicylic acid/styrene copolymer is 2:1 mols to 7:1 mols.

14. The composition of claim 8 wherein the ratio of styrene derivative to salicylate used to make the polyvalent metal salt of salicylic acid/styrene copolymer is 3:1 mols to 6:1 mols.

15. A process of making an aqueous dispersion of particles of a polyvalent metal salt of salicylic acid/styrene copolymer developer said particles having an average particle size of greater than or equal to 0.75 μm and less than or equal to 2.0 μm , and wherein less than 2% of the particles are greater than 10 μm , said process comprising:

- (a) preparing an organic phase comprising one or more auxiliary solvents, a polyvalent metal salt of salicylic acid/styrene copolymer developer, and a surfactant;
 - (b) preparing a separate aqueous phase containing a water soluble polymeric dispersant;
 - (c) dispersing the organic phase into the aqueous phase to form a dispersed composition; and
 - (d) removing the auxiliary solvent from the dispersed composition;
- wherein the pH maintained during the process is greater than 6.

16. The process of claim 15 wherein the organic phase comprises at least 40% by weight of the polyvalent metal salt of salicylic acid/styrene developer.

17. The process of claim 15 wherein the aqueous phase comprises a water soluble surfactant.

18. The process of claim 15 wherein the organic soluble surfactant is a sodium salt of an alkyl sulfosuccinic acid and the water soluble dispersant is polyvinyl alcohol.

19. The process of claim 15 wherein the ratio of styrene derivative to salicylate used to make the polyvalent metal salt of salicylic acid/styrene copolymer is 2:1 mols to 7:1 mols.

20. The process of claim 15 further comprising the step of raising the pH of the composition to greater than 9 after the auxiliary solvent is removed.

21. The process of claim 18 wherein the ratio of styrene derivative to salicylate used to make the polyvalent metal salt of salicylic acid/styrene copolymer is 3:1 mols to 6:1 mols.

22. An imaging element comprising a support and an image forming layer comprising photosensitive microcapsules and a developer comprising particles of a polyvalent metal salt of salicylic acid/styrene copolymer developer said particles having a styrene/salicylic acid ratio of greater than 2:1 mols.

23. The imaging element of claim 22 wherein the particles have a styrene/salicylic acid ratio of greater than 3:1 mols.

24. The imaging element of claim 22 wherein the particles have an average particle size of greater than or equal to 0.75 μm and less than or equal to 2.0 μm , and wherein less than 2 % of the particles are greater than 10 μm .

25. The imaging element of claim 24 wherein less than 1 % of the particles are greater than 10 μm .

26. The imaging element of claim 22 wherein the ratio of styrene derivative to salicylate used to make the polyvalent metal salt of salicylic acid/styrene copolymer is 2:1 mols to 7:1 mols.

27. The imaging element of claim 22 wherein the ratio of styrene derivative to salicylate used to make the polyvalent metal salt of salicylic acid/styrene copolymer is 3:1 mols to 6:1 mols.

28. The imaging element of claim 22 wherein the developer composition is made by

- (a) preparing an organic phase comprising one or more auxiliary solvents, a polyvalent metal salt of salicylic acid/styrene copolymer developer, and a surfactant;
- (b) preparing a separate aqueous phase containing a water soluble polymeric dispersant;
- (c) dispersing the organic phase into the aqueous phase to form a dispersed composition; and
- (d) removing the auxiliary solvent from the dispersed composition; wherein the pH maintained during the process is greater than 6.

29. The imaging element of claim 28 wherein the aqueous phase comprises a surfactant.

30. The imaging element of claim 22 wherein the imaging element is light sensitive and heat or pressure developable.

31. The imaging element of claim 22 wherein the imaging element is light sensitive and pressure developable.

32. The imaging element of claim 22 wherein the imaging element further comprises an inner protective layer and an outer protective layer on the opposite side of the image forming unit from the support.

33. The imaging element of claim 22 wherein the imaging element further comprises at least one non-imaging layer comprising a hydrophilic colloid located between the support and the imaging unit.